

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTATDH1621

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 DEC 01 ChemPort single article sales feature unavailable
NEWS 3 APR 03 CAS coverage of exemplified prophetic substances
enhanced
NEWS 4 APR 07 STN is raising the limits on saved answers
NEWS 5 APR 24 CA/Caplus now has more comprehensive patent assignee
information
NEWS 6 APR 26 USPATFULL and USPAT2 enhanced with patent
assignment/reassignment information
NEWS 7 APR 28 CAS patent authority coverage expanded
NEWS 8 APR 28 ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS 9 APR 28 Limits doubled for structure searching in CAS
REGISTRY
NEWS 10 MAY 08 STN Express, Version 8.4, now available
NEWS 11 MAY 11 STN on the Web enhanced
NEWS 12 MAY 11 BEILSTEIN substance information now available on
STN Easy
NEWS 13 MAY 14 DGENE, PCTGEN and USGENE enhanced with increased
limits for exact sequence match searches and
introduction of free HIT display format
NEWS 14 MAY 15 INPADOCDB and INPAFAMDB enhanced with Chinese legal
status data
NEWS 15 MAY 28 CAS databases on STN enhanced with NANO super role in
records back to 1992
NEWS 16 JUN 01 CAS REGISTRY Source of Registration (SR) searching
enhanced on STN

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that
specific topic.

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products is prohibited and may result in loss of user privileges
and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:20:37 ON 24 JUN 2009

=> FILE CAPLUYS

'CAPLUYS' IS NOT A VALID FILE NAME

SESSION CONTINUES IN FILE 'HOME'

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

=> FILE REG

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

0.22	0.22
------	------

FILE 'REGISTRY' ENTERED AT 16:20:51 ON 24 JUN 2009

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STRUCTURE FILE UPDATES: 23 JUN 2009 HIGHEST RN 1159631-40-9

DICTIONARY FILE UPDATES: 23 JUN 2009 HIGHEST RN 1159631-40-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

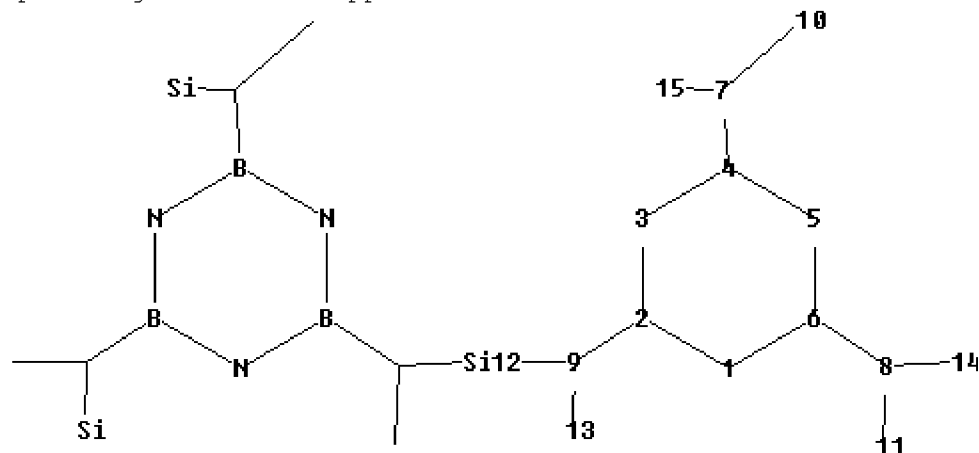
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\TDH PTAYApplication Examination\Series 10\10 544211\STN\STN 062309AA.str



chain nodes :

7 8 9 10 11 12 13 14 15

```

ring nodes :
1 2 3 4 5 6
chain bonds :
2-9 4-7 6-8 7-10 7-15 8-11 8-14 9-12 9-13
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact bonds :
2-9 4-7 6-8 7-10 7-15 8-11 8-14 9-12 9-13

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS

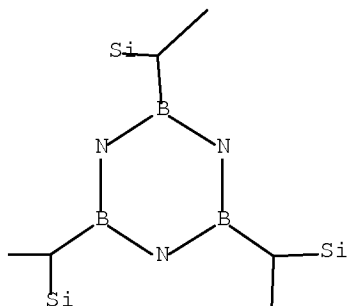
```

L1 STRUCTURE UPLOADED

=> D

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> S

```

ENTER LOGIC EXPRESSION, QUERY NAME, OR (END):L1
SAMPLE SEARCH INITIATED 16:21:11 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 10 TO ITERATE

```

```

100.0% PROCESSED      10 ITERATIONS      1 ANSWERS
SEARCH TIME: 00.00.01

```

```

FULL FILE PROJECTIONS: ONLINE  **COMPLETE**
                        BATCH    **COMPLETE**
PROJECTED ITERATIONS:      11 TO      389
PROJECTED ANSWERS:         1 TO       80

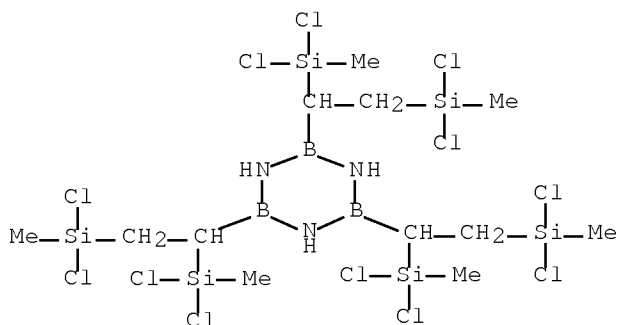
```

L2 1 SEA SSS SAM L1

=> D L2

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 852394-73-1 REGISTRY
 ED Entered STN: 16 Jun 2005
 CN Borazine, 2,4,6-tris[1,2-bis(dichloromethylsilyl)ethyl]- (CA INDEX NAME)
 MF C12 H30 B3 Cl12 N3 Si6
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

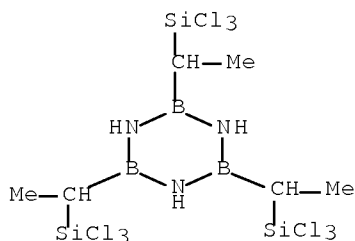
=> S L1 SSS FULL
 FULL SEARCH INITIATED 16:21:41 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 160 TO ITERATE

100.0% PROCESSED 160 ITERATIONS 5 ANSWERS
 SEARCH TIME: 00.00.01

L3 5 SEA SSS FUL L1

=> D L3

L3 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 906352-38-3 REGISTRY
 ED Entered STN: 11 Sep 2006
 CN Borazine, 2,4,6-tris[1-(trichlorosilyl)ethyl]- (CA INDEX NAME)
 MF C6 H15 B3 Cl9 N3 Si3
 SR CA
 LC STN Files: CA, CAPLUS

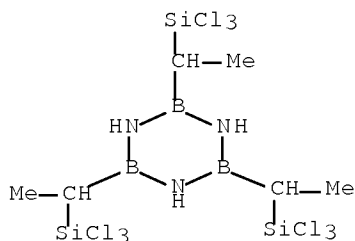


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> D L3 1-5

L3 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2009 ACS on STN
RN 906352-38-3 REGISTRY
ED Entered STN: 11 Sep 2006
CN Borazine, 2,4,6-tris[1-(trichlorosilyl)ethyl]- (CA INDEX NAME)
MF C6 H15 B3 Cl9 N3 Si3
SR CA
LC STN Files: CA, CAPLUS



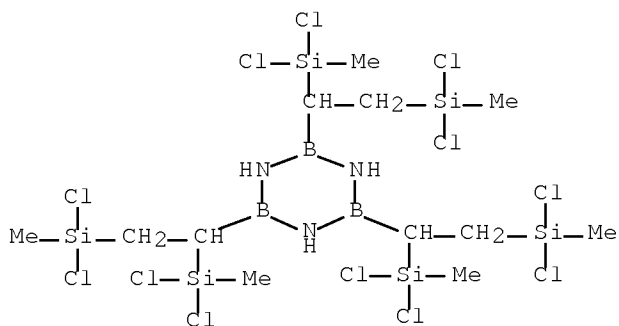
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2009 ACS on STN
RN 852394-77-5 REGISTRY
ED Entered STN: 16 Jun 2005
CN Methanamine, polymer with 2,4,6-tris[1,2-bis(dichloromethylsilyl)ethyl]borazine (9CI) (CA INDEX NAME)
MF (C12 H30 B3 Cl12 N3 Si6 . C H5 N)x
CI PMS
PCT Polyother, Polyother only
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 852394-73-1
CMF C12 H30 B3 Cl12 N3 Si6



CM 2

CRN 74-89-5

CMF C H5 N

H₃C—NH₂

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2009 ACS on STN

RN 852394-73-1 REGISTRY

ED Entered STN: 16 Jun 2005

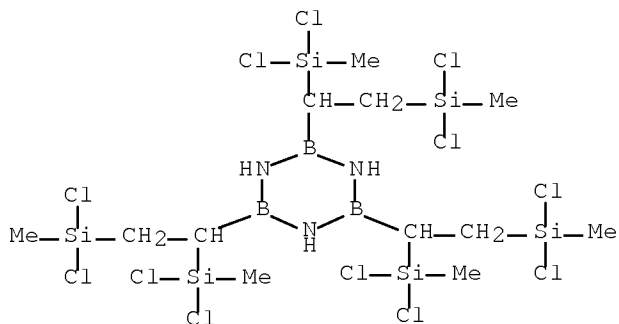
CN Borazine, 2,4,6-tris[1,2-bis(dichloromethylsilyl)ethyl]- (CA INDEX NAME)

MF C12 H30 B3 Cl12 N3 Si6

CI COM

SR CA

LC STN Files: CA, CAPLUS

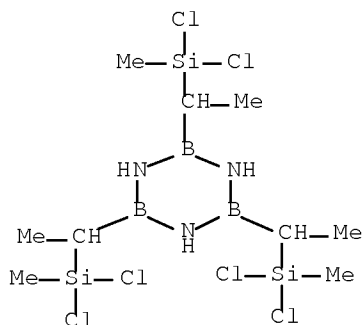


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

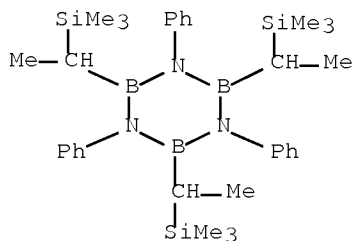
L3 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 269397-23-1 REGISTRY
 ED Entered STN: 09 Jun 2000
 CN Borazine, 2,4,6-tris[1-(dichloromethyl)silyl]ethyl- (CA INDEX NAME)
 MF C9 H24 B3 Cl6 N3 Si3
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 18876-55-6 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Borazine, 1,3,5-triphenyl-2,4,6-tris[1-(trimethylsilyl)ethyl]- (CA INDEX NAME)
 MF C33 H54 B3 N3 Si3
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
----------------------	------------	-------

	ENTRY	SESSION
FULL ESTIMATED COST	202.15	202.37

FILE 'REGISTRY' ENTERED AT 16:23:44 ON 24 JUN 2009
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STRUCTURE FILE UPDATES: 23 JUN 2009 HIGHEST RN 1159631-40-9
DICTIONARY FILE UPDATES: 23 JUN 2009 HIGHEST RN 1159631-40-9

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predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=> SET TERMSET E#

SET COMMAND COMPLETED

=> DEL SEL Y

=> SEL L3 5 RN

E1 THROUGH E1 ASSIGNED

=> S E1/RN

L4 1 18876-55-6/RN

=> SET TERMSET LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.58	202.95

FILE 'CAPLUS' ENTERED AT 16:23:48 ON 24 JUN 2009
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FILE COVERS 1907 - 24 Jun 2009 VOL 150 ISS 26
FILE LAST UPDATED: 23 Jun 2009 (20090623/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L4

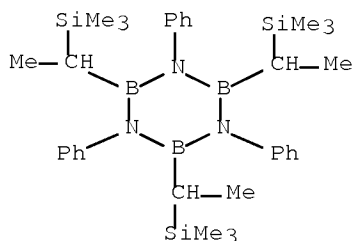
L5 2 L4

=> D L5 1-2 IBIB ABS HITSTR

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1964:60991 CAPLUS Full-text
DOCUMENT NUMBER: 60:60991
ORIGINAL REFERENCE NO.: 60:10704g-h,10705a
TITLE: Synthesis of B-organofunctional borazine derivatives
AUTHOR(S): Seyferth, Dietmar; Kogler, Hubert P.; Freyer, Walter
R.; Takamizawa, Minoru; Yamazaki, Hiroshi; Sato,
Yasuhiko
CORPORATE SOURCE: Massachusetts Inst. of Technol., Cambridge
SOURCE: Advances in Chemistry Series (1964), 42, 259-65
CODEN: ADCSAJ; ISSN: 0065-2393
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

AB B-Tris(trimethylsilylmethyl)-N-trimethylborazine (I) was easily synthesized by the Grignard procedure, and was hydrolytically stable (through steric hindrance). Liquid borazines of the structure (Me₂SiRCH₂BNMe)₃ were also prepared. Silicon-substituted borazines also were accessible through the chloroplatinic acid-catalyzed addition of Si-H-containing chlorosilanes and siloxanes to B-trivinyl-N-triphenylborazine. Other addition reactions of this vinylborazine were examined, and pure, crystalline products were obtained with CBrCl₃, CBr₄, PhSH, Ph₂PH, HBr, Ph₃SnH, and Et₃SnH. The condensation of silicon-containing dichloroboranes with aniline produced borazines. Borazines containing Si-O-B and Si-B linkages are described.

IT 18876-55-6
(Derived from data in the 7th Collective Formula Index (1962-1966))
RN 18876-55-6 CAPLUS
CN Borazine, 1,3,5-triphenyl-2,4,6-tris[1-(trimethylsilyl)ethyl]- (CA INDEX NAME)



L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1964:60990 CAPLUS Full-text
 DOCUMENT NUMBER: 60:60990
 ORIGINAL REFERENCE NO.: 60:10704f-g
 TITLE: Reaction of nitric oxide with tributylborane
 AUTHOR(S): Inatome, Masahiro; Kuhn, Lester P.
 CORPORATE SOURCE: Aberdeen Proving Ground, MD
 SOURCE: Advances in Chemistry Series (1964), 42, 183-91
 CODEN: ADCSAJ; ISSN: 0065-2393

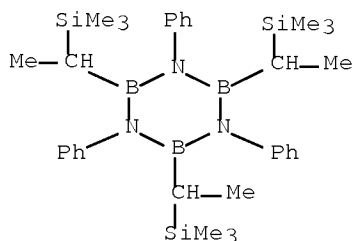
DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable

AB NO reacts with Bu₃B at room temp. to yield 3 major products which are believed to be Bu₂NOBBu₂ (I), Bu₂BN(OBu)NO, and Bu₂BNBuOBBu₂ (II). Mild hydrolysis of II yields Bu₂BOH and BuNHOBu₂, which is a cyclic dimer. A mechanism proposed for the reaction involves the formation of a C-nitroso and a B-nitroso compound which react with Bu₃B to yield I and II, resp.

IT 18876-55-6
 (Derived from data in the 7th Collective Formula Index (1962-1966))

RN 18876-55-6 CAPLUS

CN Borazine, 1,3,5-triphenyl-2,4,6-tris[1-(trimethylsilyl)ethyl]- (CA INDEX NAME)



=> FIL STNGUIDE
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
12.78	215.73

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.64	-1.64

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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Jun 19, 2009 (20090619/UP).

=> FILE STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.07	215.80

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-1.64

CA SUBSCRIBER PRICE

FILE 'STNGUIDE' ENTERED AT 16:26:20 ON 24 JUN 2009

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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Jun 19, 2009 (20090619/UP).

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

(FILE 'HOME' ENTERED AT 16:20:37 ON 24 JUN 2009)

FILE 'REGISTRY' ENTERED AT 16:20:51 ON 24 JUN 2009

L1 STRUCTURE UPLOADED

D

L2 1 SEA FILE=REGISTRY SSS SAM L1

D L2

L3 5 SEA FILE=REGISTRY SSS FUL L1

D L3

D L3 1-5

FILE 'REGISTRY' ENTERED AT 16:23:44 ON 24 JUN 2009

SET TERMSET E#

DEL SEL Y

SEL L3 5 RN

L4 1 SEA FILE=REGISTRY SPE=ON PLU=ON 18876-55-6/RN

SET TERMSET LOGIN

FILE 'CAPLUS' ENTERED AT 16:23:48 ON 24 JUN 2009

L5 2 SEA FILE=CAPLUS SPE=ON PLU=ON L4

D L5 1-2 IBIB ABS HITSTR

FILE 'STNGUIDE' ENTERED AT 16:25:43 ON 24 JUN 2009

FILE 'STNGUIDE' ENTERED AT 16:26:20 ON 24 JUN 2009

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
------------	-------

	ENTRY	SESSION	
FULL ESTIMATED COST	1.75	217.55	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE		TOTAL
	ENTRY	SESSION	
CA SUBSCRIBER PRICE	0.00	-1.64	

STN INTERNATIONAL LOGOFF AT 16:41:28 ON 24 JUN 2009